

**"Modulation of Cell Intrinsic Strain To Control Matrix Synthesis,
Secretion, Organization and Remodeling"**

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REPLACEMENT SHEET

TABLE I. PCR CONDITIONS USED FOR EACH GENE

<u>Gene</u>	<u>Primer Sequence</u>	<u>Product Length (bp)</u>	<u>Cycle Conditions</u>	<u>Cycles</u>
Collagen I	5'-GGTCCTCAGGGTCTTCTGG-3' 3'-CACCAAGGGCACCGTTGACT-5'	(SEQ ID NO: 1) (SEQ ID NO: 2)	184	94°C, 5 min 94°C, 1 min; 45°C, 1 min; 72°C, 30 s 72°C, 5 min
Collagen III	5'-AGGTGAACGTGGTCCACAAGGT-3' 3'-GCACCAAGCTGGTCCAGTCTCT-5'	(SEQ ID NO: 3) (SEQ ID NO: 4)	300	94°C, 5 min 94°C, 1 min; 65°C, 1 min; 72°C, 5 min 72°C, 5 min
Collagen XII	5'-AGTATCAGGCTGGGCCTGGCAA-3' 3'-TTTCTCCCTCTCCAGAAAGGGCTT-3'	(SEQ ID NO: 5) (SEQ ID NO: 6)	300	94°C, 5 min 94°C, 1 min; 65°C, 1 min; 72°C, 1 min 72°C, 5 min
Decorin	5'-CATCCCTTAATGAGCTTCACCTT-3' 3'-ACTCACACCAGAATAAGGTTGCCCTG-5'	(SEQ ID NO: 7) (SEQ ID NO: 8)	300	94°C, 5 min 94°C, 1 min; 65°C, 1 min; 72°C, 1 min 72°C, 5 min
Tenascin	5'-TGTCTACAACATCAAGCTGCCCTGT-3' 3'-AGCCTGCCCTTACCTTCTGCTGT-5'	(SEQ ID NO: 9) (SEQ ID NO: 10)	298	94°C, 5 min 94°C, 1 min; 65°C, 1 min; 72°C, 1 min 72°C, 5 min
Prolyl-hydroxylase	5'-AACAGCCAATGAAGTAGAGGGCAGT-3' 3'-ACGACAATGGCTTGGTTACTCA-5'	(SEQ ID NO: 11) (SEQ ID NO: 12)	300	94°C, 5 min 94°C, 1 min; 60°C, 1 min; 72°C, 1 min 72°C, 5 min
β-Actin	5'-GCCATCCTGGTCTGGACCGGGCT-3' 3'-GTGATGACCTGGCCGTCAAGGCAGC-5'	(SEQ ID NO: 13) (SEQ ID NO: 14)	227	94°C, 5 min 94°C, 1 min; 60°C, 1 min; 72°C, 30 s 72°C, 5 min